

JC03 Rec'd PCT/PTO 11 MAY 2005

U. S. PATENT AND TRADEMARK OFFICE U. S. DEPARTMENT OF COMMERCE		ATTORNEY'S DOCKET NUMBER MC073YP
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/534582</b>
INTERNATIONAL APPLICATION NO. PCT/CA2003/001800	INTERNATIONAL FILING DATE November 19, 2003	PRIORITY DATE CLAIMED November 22, 2002
TITLE OF INVENTION 4-OXO-1-(3-SUBSTITUTED PHENYL-1,4-DIHYDRO-1,8-NAPHTHYRIDINE-3-CARBOXAMIDE PHOSPHODIESTERASE-4 INHIBITORS		
APPLICANT(S) FOR DO/EO/US DANIEL DUBE, MICHEL GALLANT, PATRICK LABCOMBE, RENEE ASPIOTIS, LAURENCE DUBE, YVES GIRARD AND DWIGHT MACDONALD		
<b>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</b> <ul style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)]             <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]             <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]             <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].</li> </ul>		
<b>Items 11 to 20 below concern other document(s) or information included:</b> <ul style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 37 CFR 1.821 - 1.825.</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> Other items or information:</li> </ul>		
<div style="text-align: right;"> <b>EXPRESS MAIL CERTIFICATE</b>  <b>DATE OF DEPOSIT 5-11-05</b>  <b>EXPRESS MAIL NO. CL989591354US</b>  <b>I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS</b>  <b>BEING DEPOSED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL POST OFFICE TO ADDRESSEE</b>  <b>ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO</b>  <b>COMMISSIONER FOR PATENTS, PO. BOX 1450</b>  <b>ADDRESS UNKNOWN, ZIP CODE 20231-1450, 37 CFR 1.154(d)(4).</b>  <b>MAILED BY Christine Caffe</b>  <b>DATE 5-11-05</b> </div>		

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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/534582</b>		INTERNATIONAL APPLICATION NO. PCT/CA2003/001800	ATTORNEY'S DOCKET NUMBER MC073YP
The following fees are submitted: 21. <input checked="" type="checkbox"/> Basic national fee..... \$300 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). .... \$100 All other situations..... \$200 23. <input checked="" type="checkbox"/> Search fee Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500 <b>TOTAL OF 21, 22 and 23=</b> \$800.00 <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
112 - 100 =	12 /50	0.24 = 1	X \$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	27 - 20 =	7	X \$50.00 \$350.00
Independent Claims	3 - 3 =	0	X \$200.00 \$0.00
<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b> + \$360.00			
<b>TOTAL OF ABOVE CALCULATIONS (SUBTOTAL)</b> = \$1,400.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +			
<b>TOTAL NATIONAL FEE</b> = \$1,400.00			
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. +			
<b>TOTAL FEES ENCLOSED</b> = \$1,400.00			
Amount to be refunded:  Amount to be charged:			
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$1,400.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed.			
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status.			
<b>SEND ALL CORRESPONDENCE TO:</b> <div style="border: 1px solid black; padding: 2px;">Customer No. 000210</div> <p>MERCK &amp; CO., INC.                      Patent Department, RY60-30                      P.O. Box 2000                      126 East Lincoln Avenue                      Rahway, New Jersey 07065-0970</p> <p>DATE: <u>May 11, 2005</u></p> <p>PHONE #: <u>(732) 594-3199</u></p>			
 <b>SIGNATURE</b> <u>Curtis C. Panzer</u> <b>NAME</b> <u>Curtis C. Panzer</u> <b>33,752</b> <b>REGISTRATION NUMBER</b>			